



CURRENT LISTING OF CLAIMS

Claim 1. (Original) Mobile manufacturing equipment of organic fertilizer from organic matter including organic wastes, characterizing the equipment to be installed on loading box of vehicle consisting of:

- (a) mixing reactor for mixing and reacting organic matter;
- 5 (b) suction pump for suction collection of organic matter into mixing reactor;
- (c) supply device for additive supply to mixing reactor;
- (d) gas pipe for introduction of vehicle exhaust gas from muffler to mixing reactor;
- (e) discharge pump for discharge of organic fertilizer from mixing reactor to
- 10 outside.

Claim 2. (Original) Mobile manufacturing equipment of organic fertilizer as claimed in claim 1, wherein the aforementioned vehicle is cargo truck.

Claim 3. (Original) Mobile manufacturing equipment of organic fertilizer as claimed in claim 1, wherein the aforementioned vehicle is loading trailer.

Claim 4. (Original) Mobile manufacturing equipment of organic fertilizer as claimed in claim 1, wherein the aforementioned vehicle is pulling trailer.

Claim 5. (Original) Mobile manufacturing equipment of organic fertilizer as claimed in claim 1, wherein the aforementioned vehicle is ready mixed concrete truck.

Claim 6. (Original) Mobile manufacturing equipment of organic fertilizer as claimed in claim 1, wherein the aforementioned mixing reactor is drum mixer of ready mixed concrete truck.

Claim 7. (Original) Mobile manufacturing method of organic fertilizer from organic matter including organic wastes, the method comprising the steps of:

- (a) suction collection of organic matter into mixing reactor by suction pump;
- (b) additive adding 5 to 100 parts by weight of quick lime, light burnt dolomite, 5 light burnt magnesite or these mixture based on 100 parts by solid weight of organic matter to mixing reactor;
- (c) mixing reaction of organic matter and additives in mixing reactor;
- (d) dealkalinizing step of carbonating reaction by introducing exhaust gas of vehicle to mixing reactor;
- 10 (e) sprinkling step of organic fertilizer dealkalinized in mixing reactor to soils by discharge pump;
- (f) processing step of organic fertilizer discharged by discharge pump to dry, granulate.

Claim 8. (Original) Mobile manufacturing method of organic fertilizer as claimed in claim 7, in the step of (b), adding one or more desalters selected from the group consisting of calcium carbonate, calcium chloride and gypsum material.

Claim 9. (Original) Mobile manufacturing method of organic fertilizer as claimed in claim 7, in the step of (b), adding one or more ingredient improvers selected from the group consisting of iron work slag, wollastonite powder, clay, zeolite, diatomite, bentonite, sawdust, nitrogen, phosphate, potassium, organic matter.

Claim 10. (Original) Mobile manufacturing method of organic fertilizer as claimed in claim 7, in the step of (b), adding one or more deodorizers selected from the group consisting of charcoal, active carbon, zeolite, diatomite and bentonite.